

## RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
<b>MICROPROCESSOR</b>				
PIC16C717 PIC16C770	Microchip 480.786.7668	8-bit microcontroller features a 6-channel 12-bit ADC, 2,048 × 14-bit OTP program memory, and capture/compare/pulse-width-modulation.	\$3.96/1,000	Samples—3Q99 Prod.—4Q99
PIC16C771	Microchip 480.786.7668	8-bit microcontroller features a 6-channel 10-bit ADC, 4,096 × 14-bit OTP program memory, and capture/compare/pulse-width-modulation.	\$4.11/1,000	Samples—3Q99 Prod.—4Q99
<b>INTERFACE</b>				
Fusion 878A	Conexant Systems 714.245.7500	Single-chip solution for audio and video capture supports 20-MB/s serial port, 40-Mb/s GPIO, and connects to 8-VSB and COFDM demodulators.	\$15/10,000	Samples—Now
<b>MISCELLANEOUS</b>				
EPF10K30E	Altera 408.544.7000	A 30,000-gate FLEX, 10K PLD, featuring PLL, six embedded-array blocks and dual-port RAM configurable up to 16 bits wide.	\$8.25/high volume	Prod.—Now
EP20K1500E	Altera 408.544.7000	PLD features 54,720 LEs, 466,944 bits of RAM, four PLLs, low-voltage differential signaling w/622 Mb/s data transfer; 0.15- $\mu$ , 1.8-V process.	Not Stated	Samples—3Q99 Prod.—2Q00
EP20K60E	Altera 408.544.7000	APEX device features 2,560 LEs, 32,768 bits of RAM, 66-MHz PCI compliance, content-addressable memory; 0.18- $\mu$ , 1.8-V process.	Not Stated	Samples—1Q00 Prod.—2Q00
ADP3410 ADP3421	Analog Devices 800.262.5643	DC/DC converter chip set to incorporate the Intel Mobile Voltage Positioning technology.	\$2.50/1,000	Prod.—Now
SPT7937	SPT 719.630.3384	A 12-bit 170-mW ADC with a 28-MSPS rate and 15.V single power supply incorporating proprietary parallel SAR circuit design and CMOS processing.	\$9.90/1,000	Prod.—Now
PDS83XF	WSI 650.856.6192	PDS devices have 8K of SRAM, a 3,000-gate CPLD, JTAG, and a special ISP decoding PLD that enables MCU-controlled in-system programming.	\$7.90/10,000	Prod.—Now
miniPROFET	Infineon 800.777.4363	The power switch is in a PDSO-8 package and contains a MOS power transistor plus MOS logic circuitry and an $R_{ds(on)}$ range of 60–400 m $\Omega$ .	\$0.84/	Samples—Now Prod.—Now
CS4630	Cirrus Logic 510.457.3131	PCI audio DSP is AC97 2.1 compliant; features PCI power management support, modem interrupt capability, and GPIO pins for DAA control.	\$12.00/10,000	Samples—Now Prod.—4Q99
<b>SYSTEM LOGIC</b>				
CS4298	Cirrus Logic 510.457.3131	Audio codec plus modem is AC97 compliant and provides four-channel analog-to-digital and digital-to-analog conversion.	\$3.50/10,000	Samples—Now
EM8400	Sigma Designs 408.986.0100	DVD/MPEG-2 audio/video decoder features MPEG-1 and -2 decoding CSS decryption, 8/16-bit YUV, and 20-Mb/s sustained DVD input rate.	\$39/1,000	Samples—Now